

FIG. 1

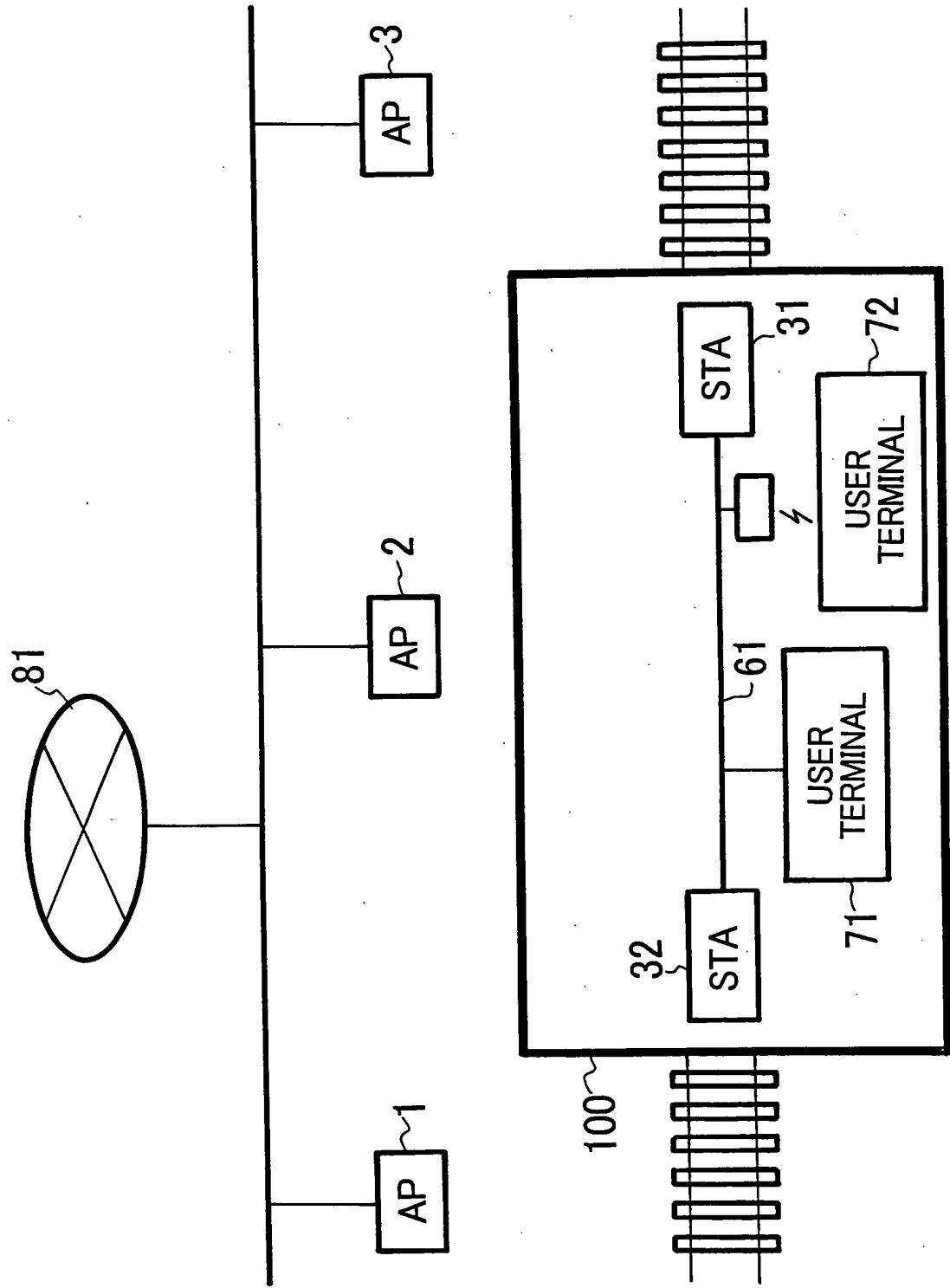


FIG.2

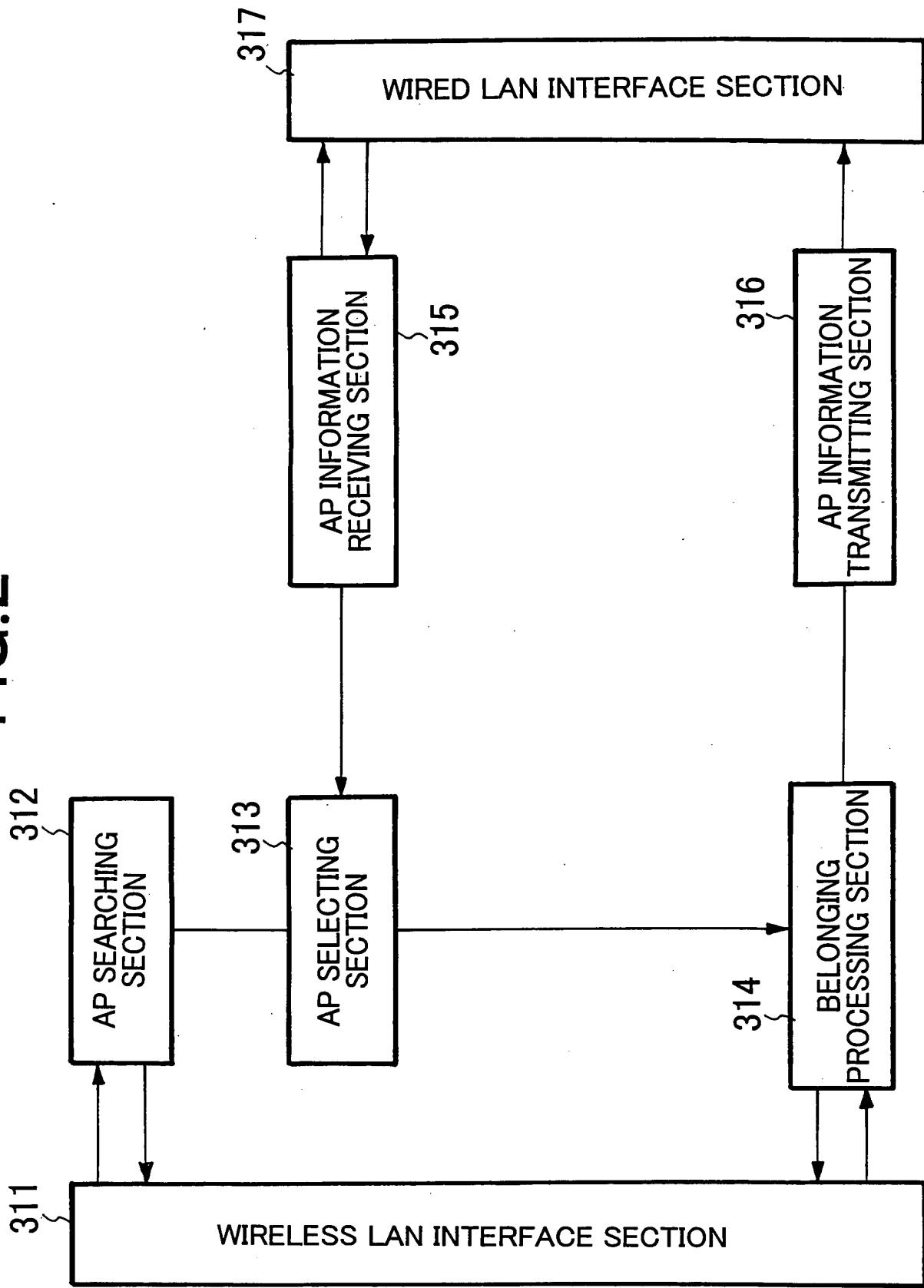


FIG.3

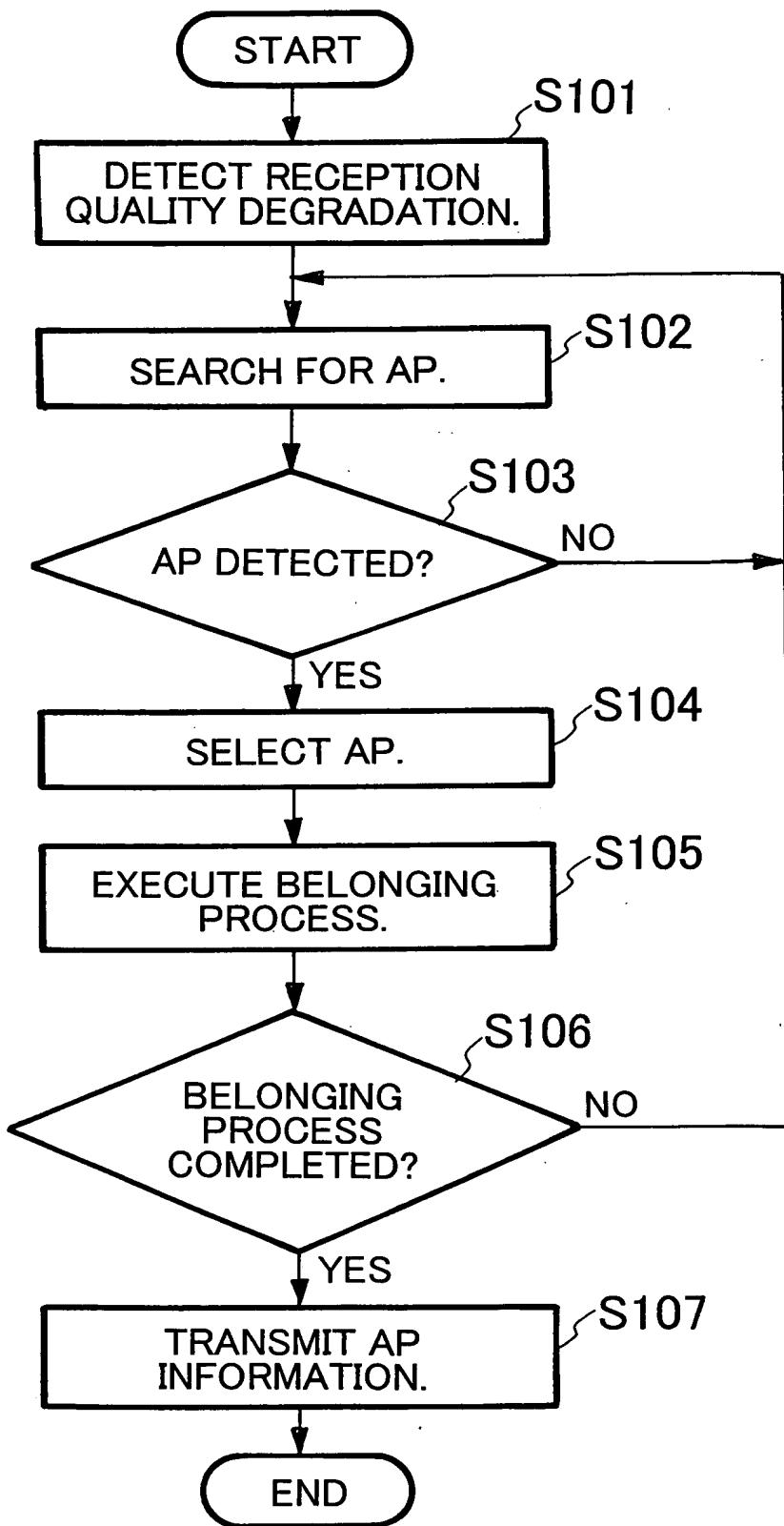


FIG.4

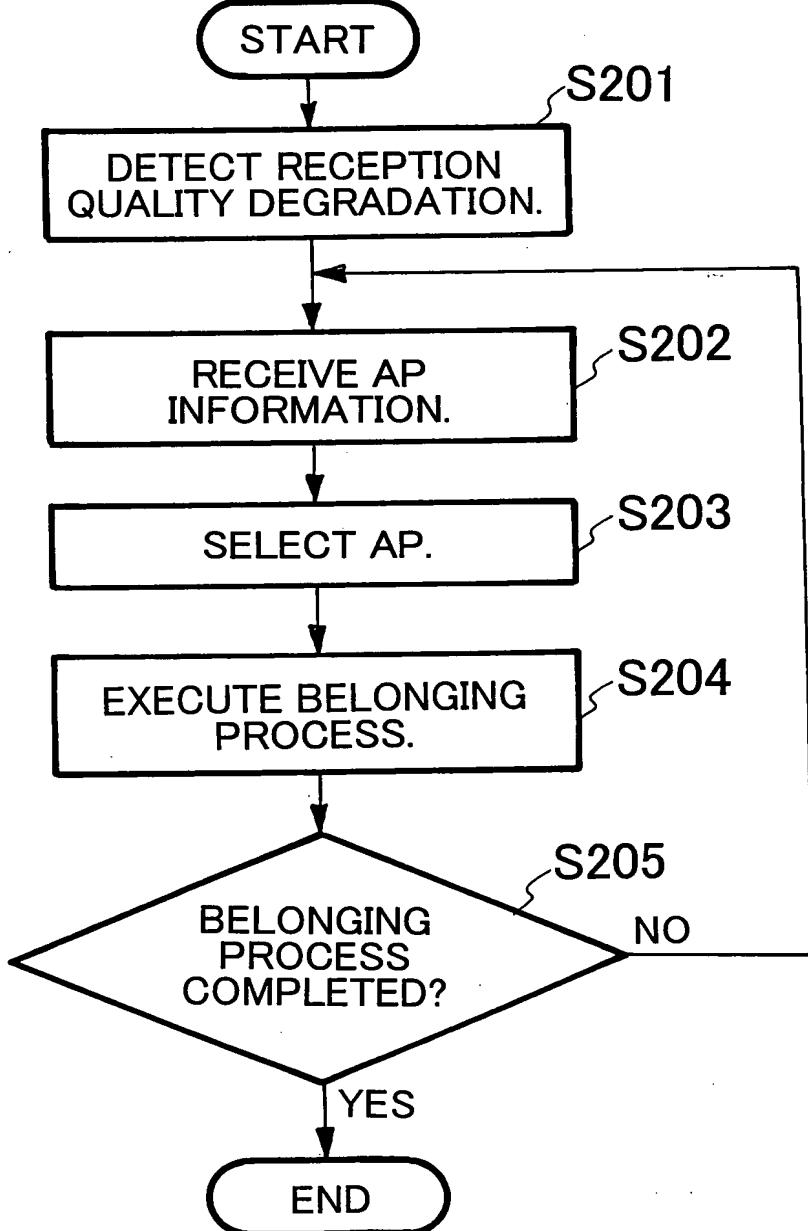


FIG. 5A

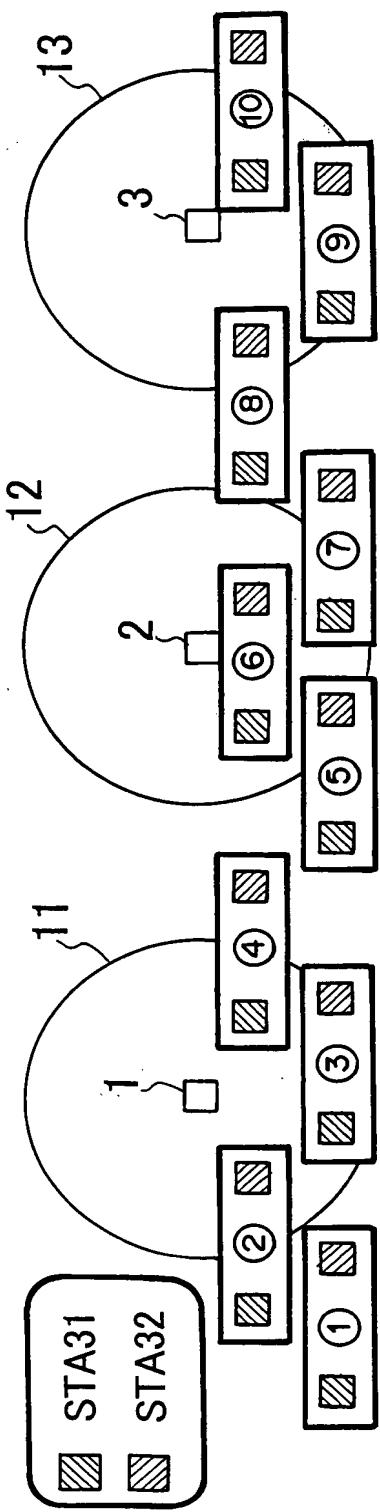


FIG. 5B

THIS INVENTION	31	31→32	32
① Scan	—	—	
② Scan→AP1	AP1	—	
③ AP1	—	AP1	
④ Scan	—	AP1	
⑤ Scan→AP2	AP2	—	
⑥ AP2	—	AP2	
⑦ Scan	—	AP2	
⑧ Scan→AP3	AP3	—	
⑨ AP3	—	AP3	
⑩ Scan	—	AP3	

FIG. 5C

PRIOR ART	31	31→32	32
① Scan	—	—	Scan
② Scan→AP1	—	—	Scan
③ AP1	—	AP1	Scan→AP1
④ Scan	—	Scan	AP1
⑤ Scan→AP2	—	—	Scan
⑥ AP2	—	AP2	Scan→AP2
⑦ Scan	—	Scan	AP2
⑧ Scan→AP3	—	—	Scan
⑨ AP3	—	AP3	Scan→AP3
⑩ Scan	—	Scan	AP3

FIG. 6

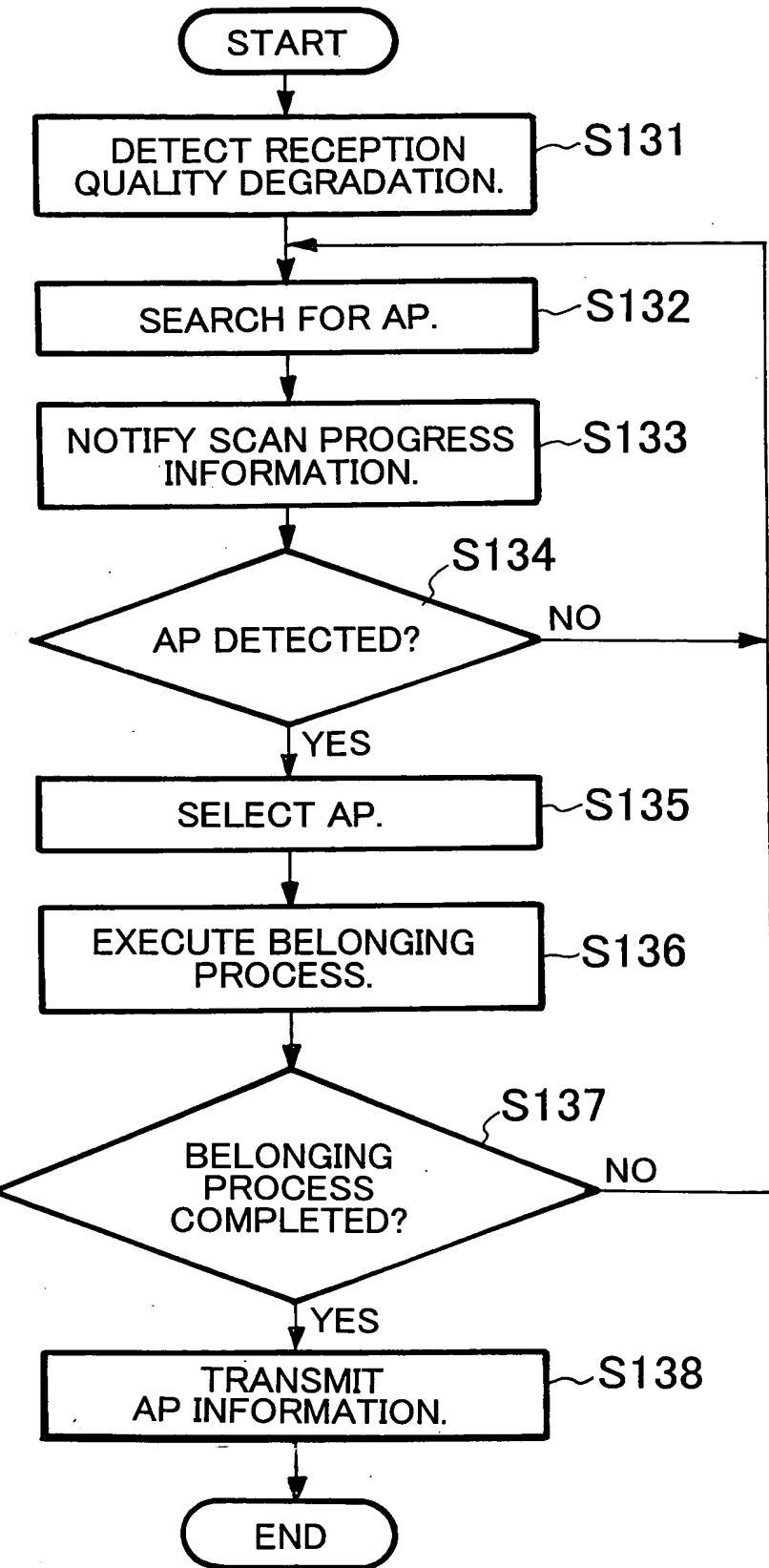


FIG. 7

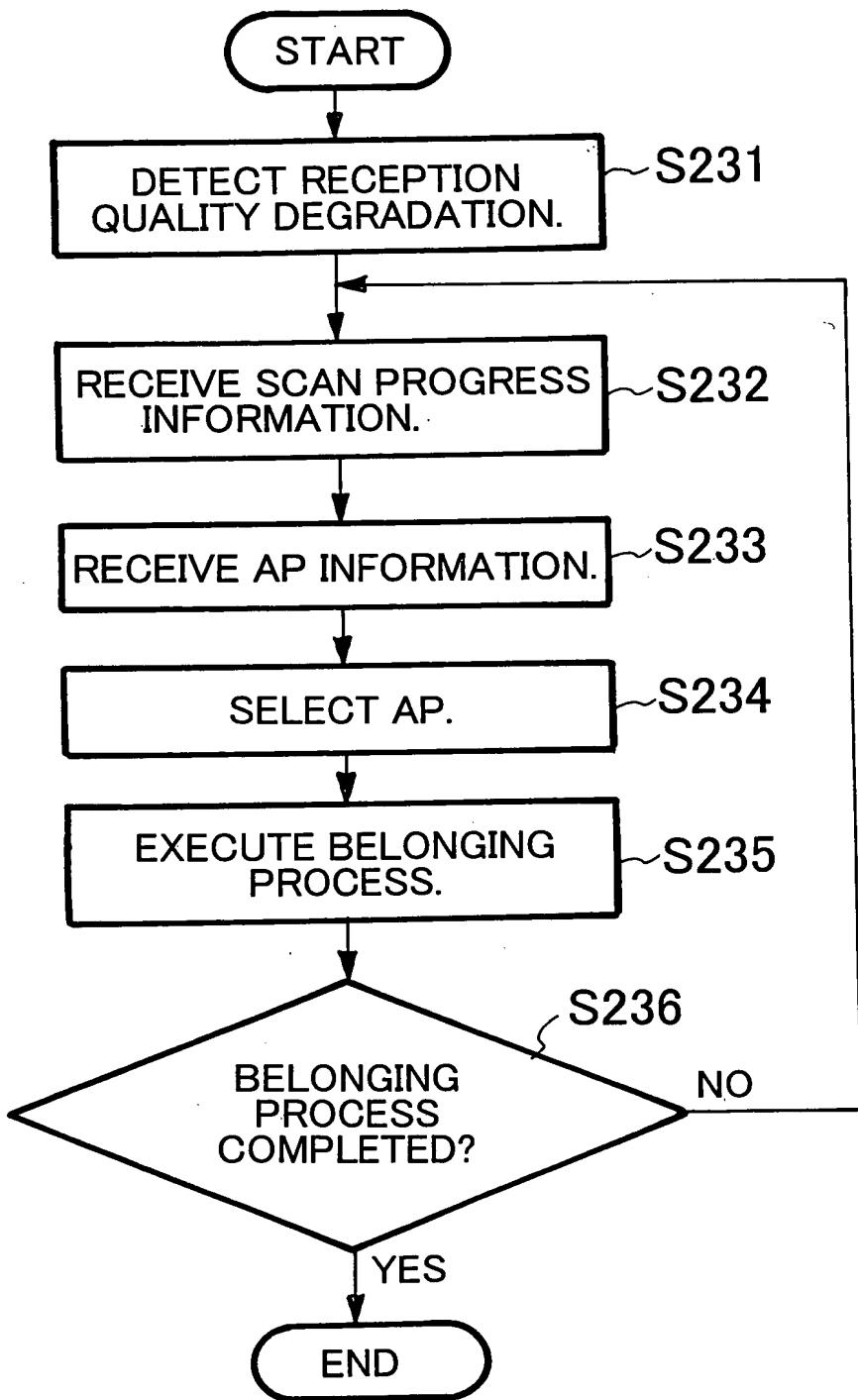


FIG.8A

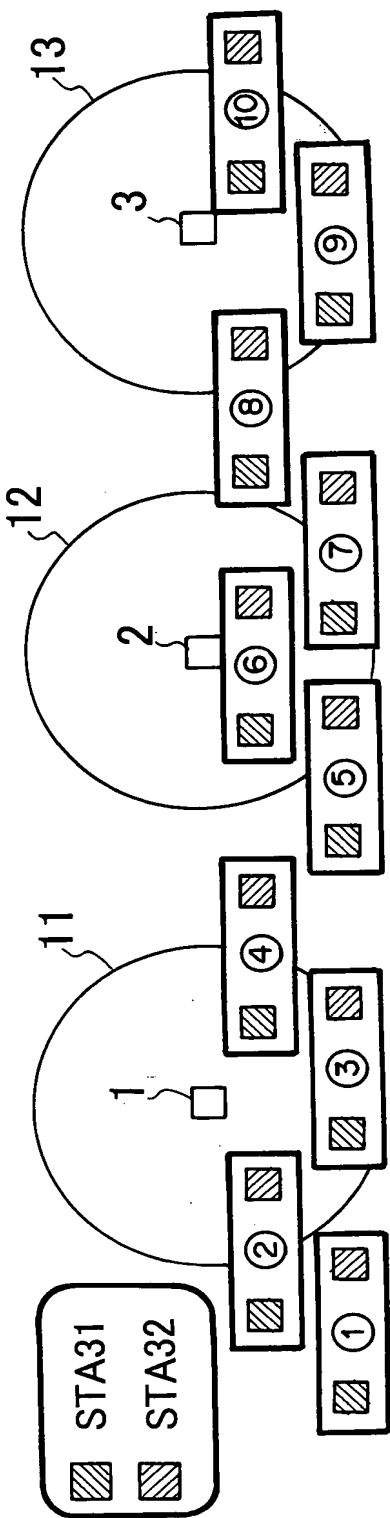


FIG.8B

THIS INVENTION	31	31→32	32
①	Scan all	f1 ~fa:x	Scan fa+1 ~f14
②	Scan all→AP1	f1 ~f5:x	Scan f6 ~f14 → AP1
③			
④	Scan all	f1 ~fb:x	AP1
⑤	Scan all→AP2	f1 ~f8:x	Scan f9 ~f14 → AP2
⑥			
⑦	Scan all		AP2
⑧	Scan all→AP3	AP3	AP3
⑨			
⑩	Scan all	f1 ~fc:x	AP3

FIG.9

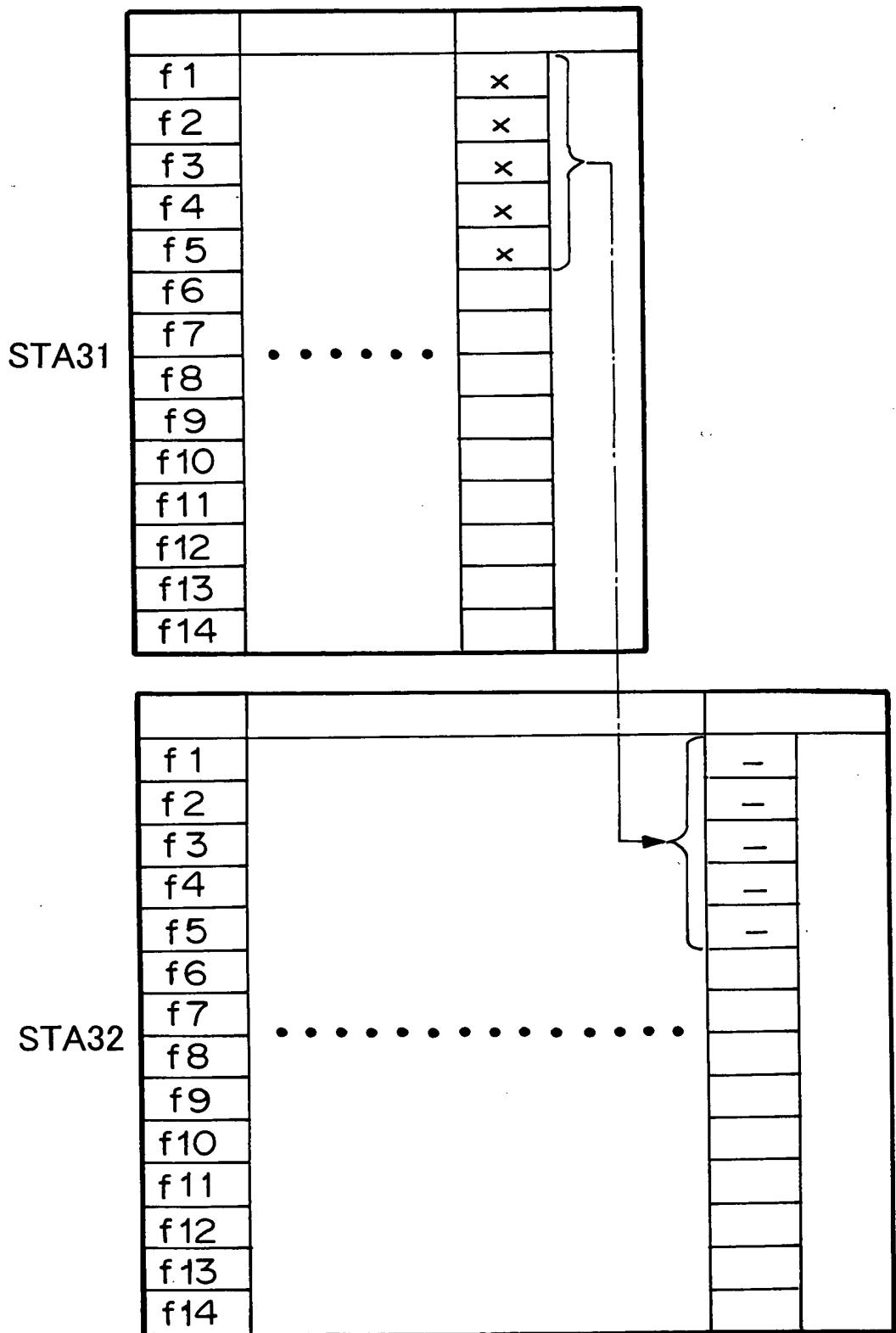


FIG.10

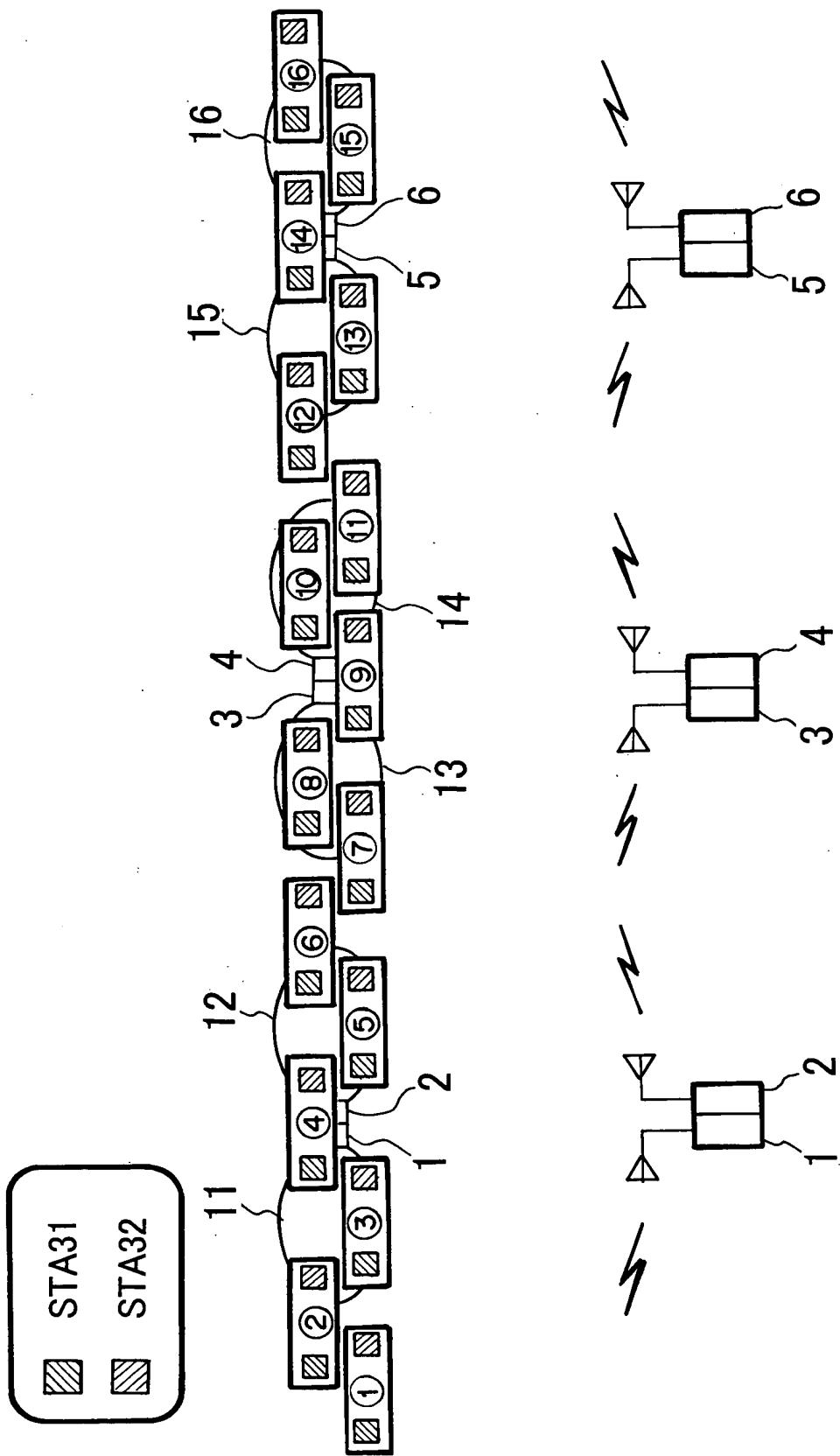


FIG. 11A

THIS INVENTION	31	31→32	32
① Scan	—	—	
② Scan→AP1	AP1	—	
③ AP1	—	AP1	
④ Scan→AP2	AP2	AP1	
⑤ AP2	—	AP2	
⑥ Scan	—	AP2	
⑦ Scan→AP3	AP3	—	
⑧ AP3	—	AP3	
⑨ Scan→AP4	AP4	AP3	
⑩ AP4	—	AP4	
⑪ Scan	—	AP4	
⑫ Scan→AP5	AP5	—	
⑬ AP5	—	AP5	
⑭ Scan→AP6	AP6	AP5	
⑮ AP6	—	AP6	
⑯ Scan	—	AP6	

FIG. 11B

PRIOR ART	31	31→32	32
① Scan	—	Scan	—
② Scan→AP1	—	Scan	—
③ AP1	—	Scan→AP1	—
④ Scan→AP2	—	AP1	—
⑤ AP2	—	Scan→AP2	—
⑥ Scan	—	AP1	—
⑦ Scan→AP3	—	Scan→AP2	—
⑧ AP3	—	Scan→AP1	—
⑨ Scan→AP4	—	Scan→AP3	—
⑩ AP4	—	Scan→AP4	—
⑪ Scan	—	AP3	—
⑫ Scan→AP5	—	Scan→AP4	—
⑬ AP5	—	AP4	—
⑭ Scan→AP6	—	Scan→AP5	—
⑮ AP6	—	AP5	—
⑯ Scan	—	Scan→AP6	—

FIG. 12

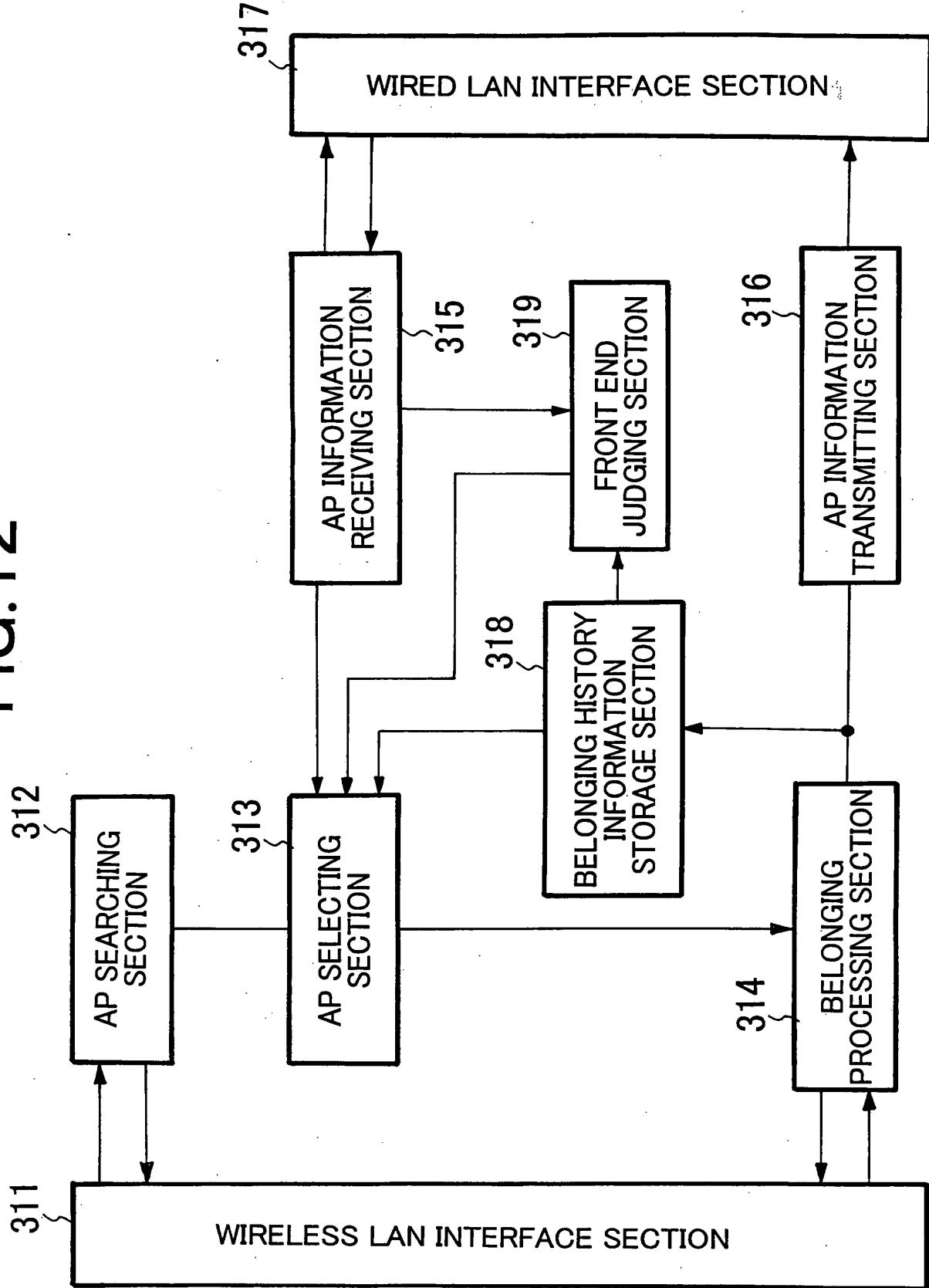


FIG.13A

No.	AP IDENTIFIER	FREQUENCY
1	AP5	f1
2	AP4	f14
3	AP3	f11
4	AP2	f6
5	AP1	f1

**BELONGING HISTORY
INFORMATION**

FIG.13B

No.	AP IDENTIFIER	FREQUENCY
1	AP6	f6
2	AP5	f1
3	AP4	f14
4	AP3	f11
5	AP2	f6
6	AP1	f1

AP INFORMATION

FIG.14

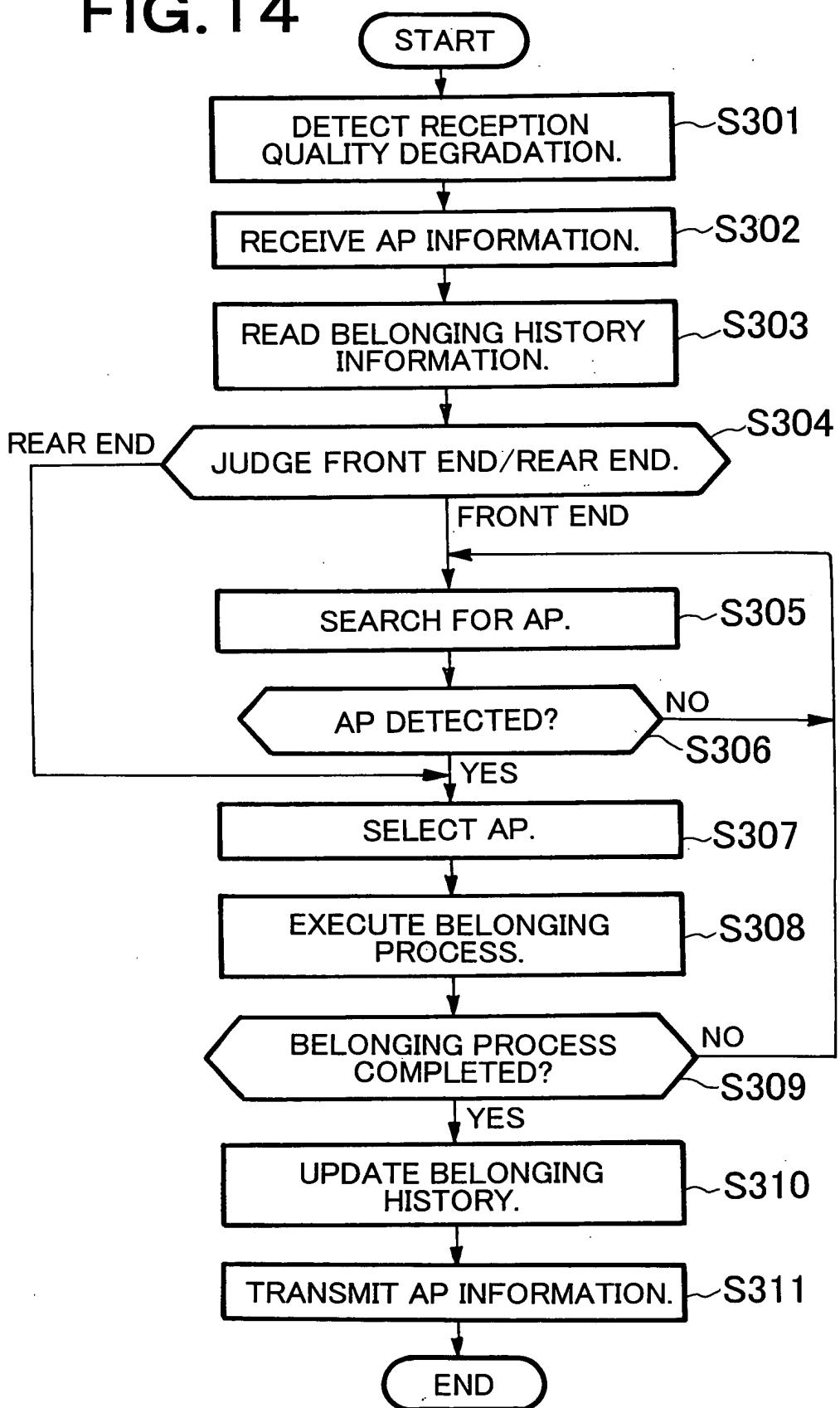


FIG.15

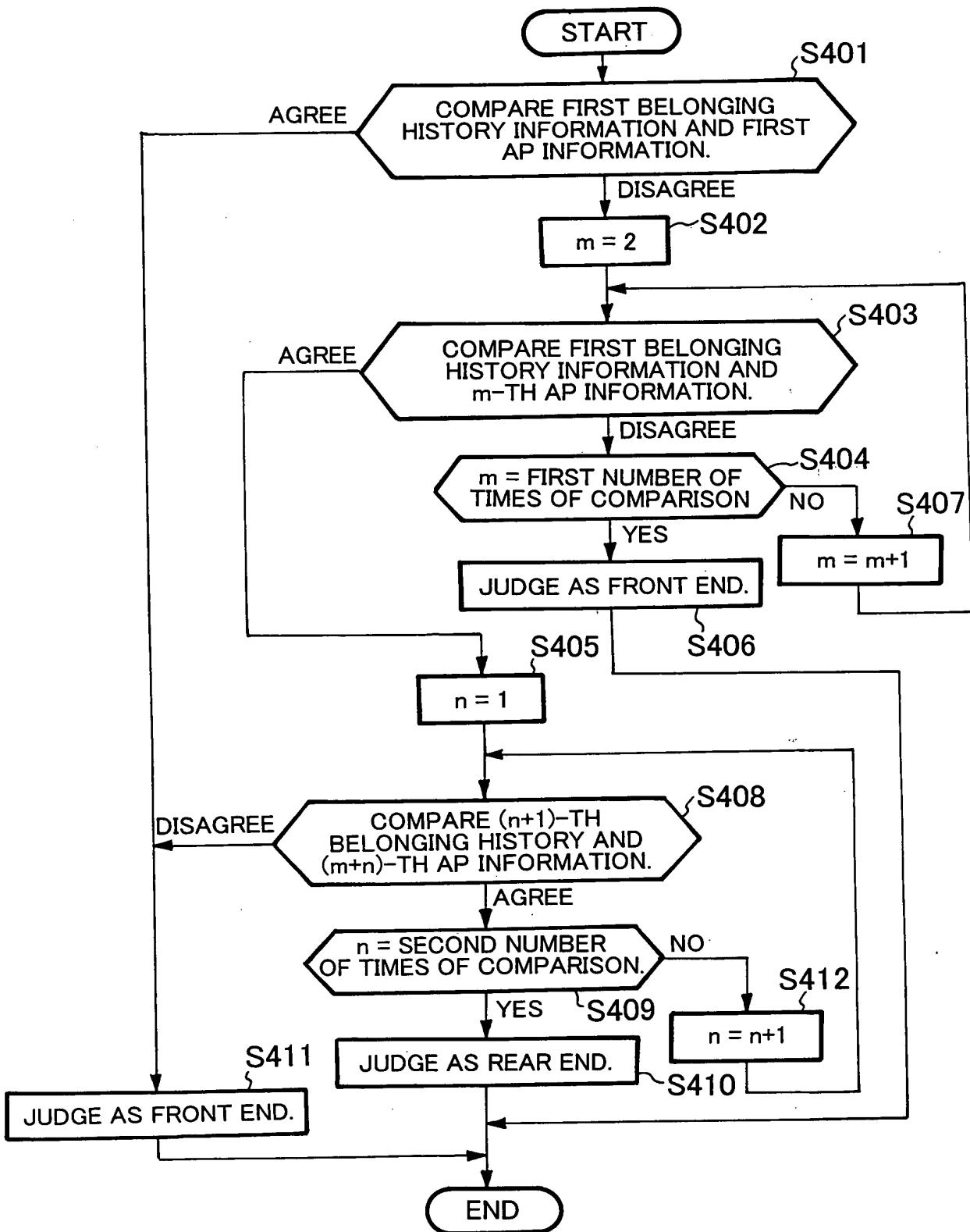


FIG. 16

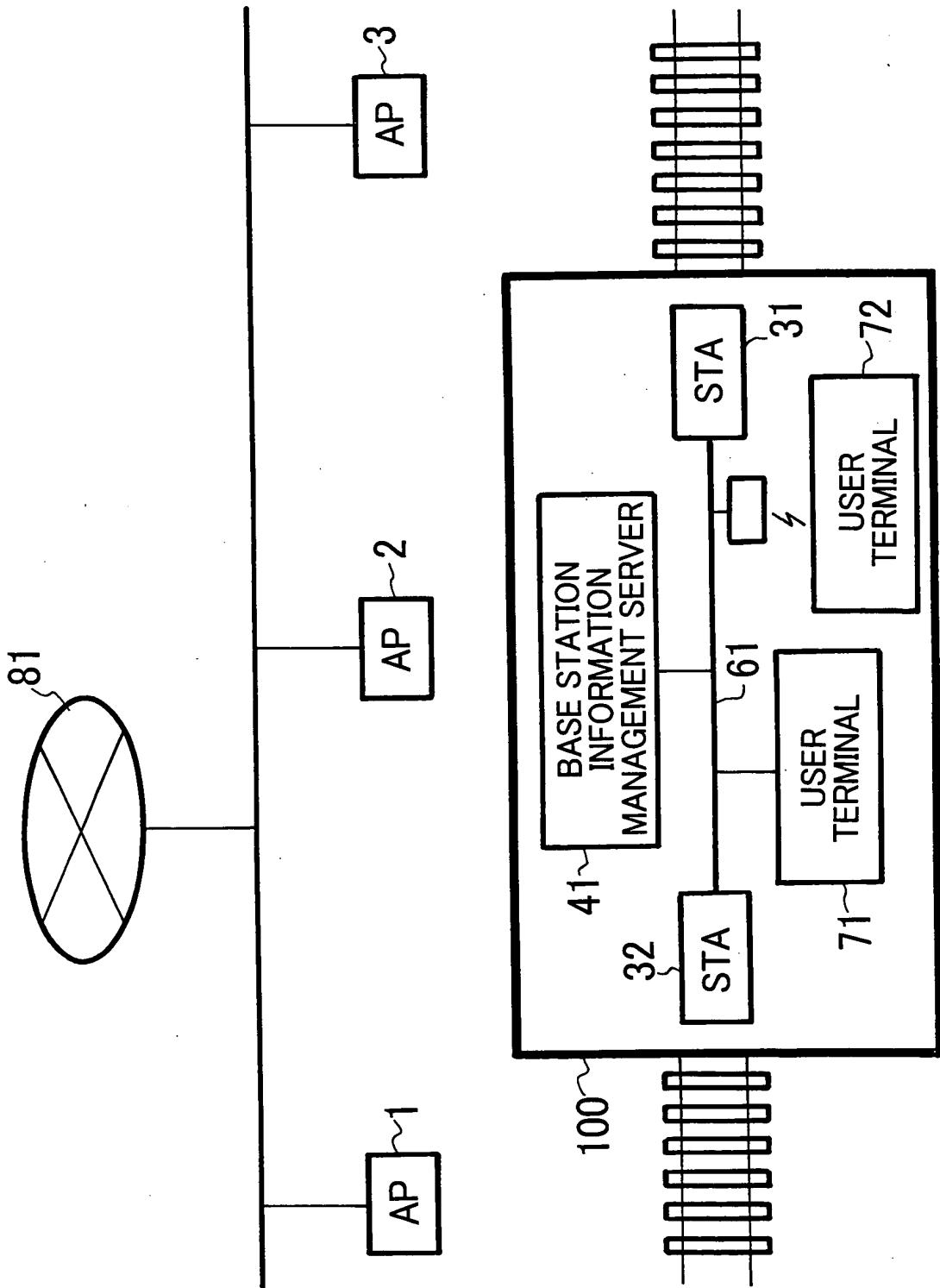


FIG. 17

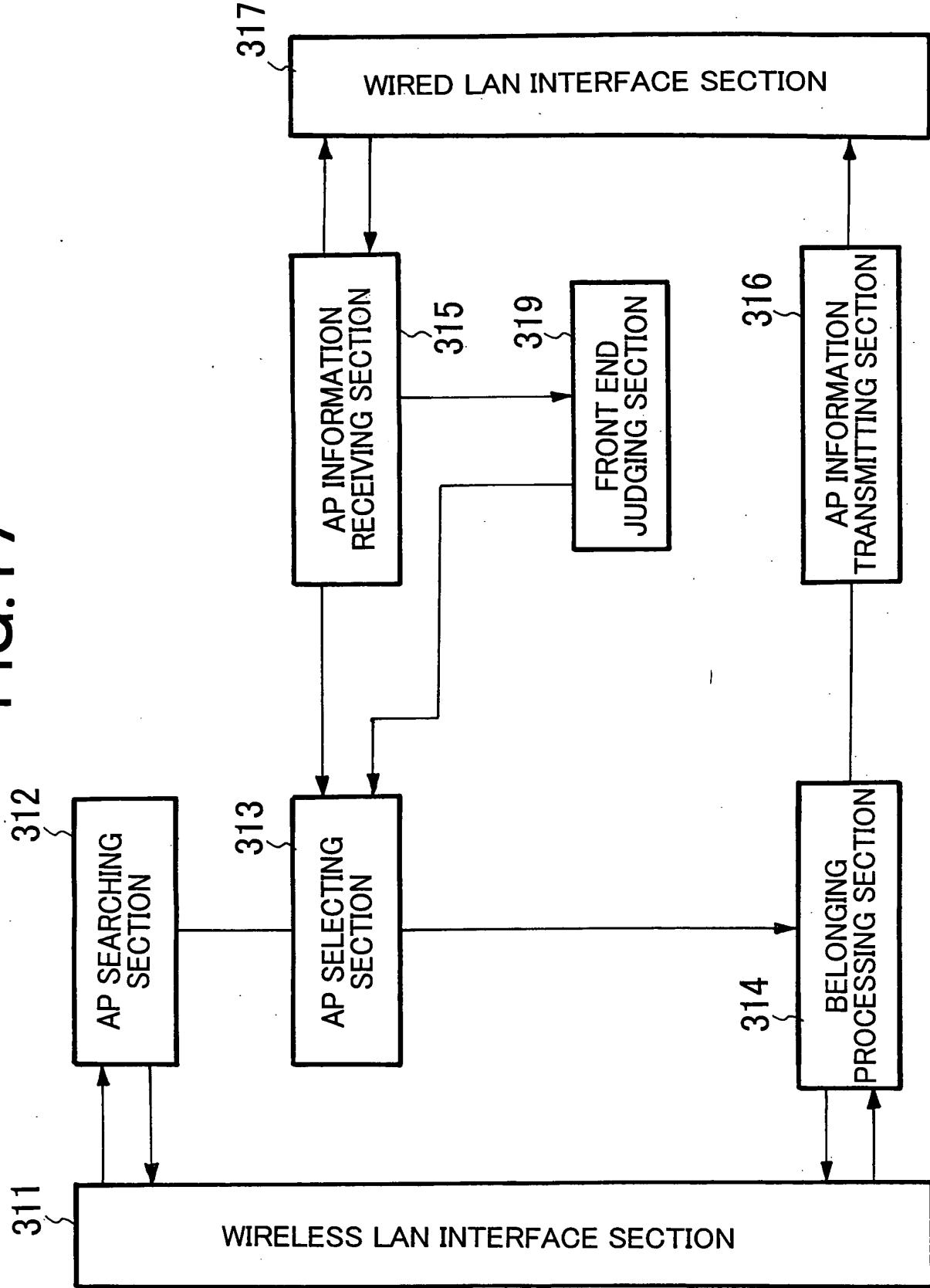


FIG. 18

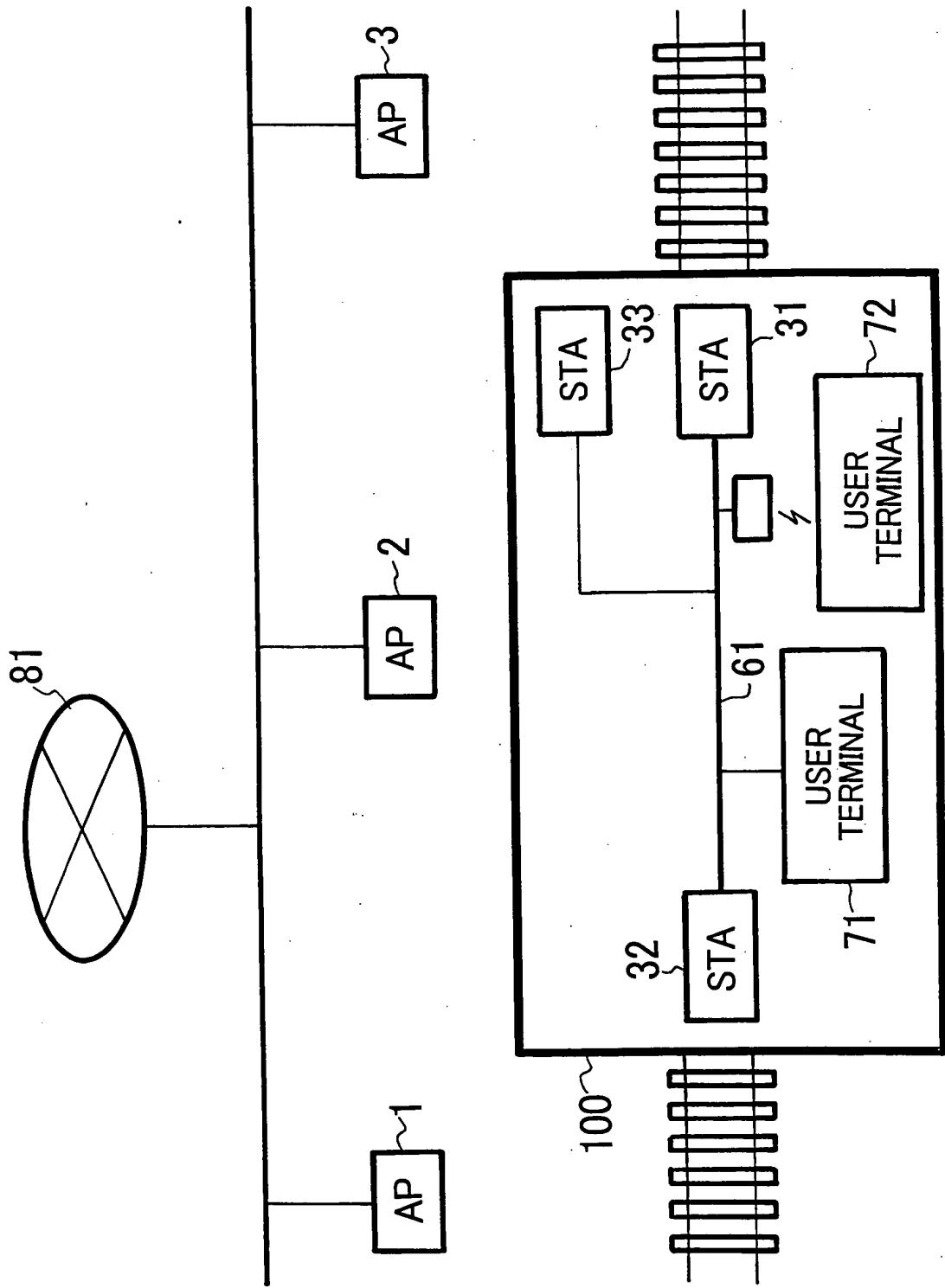


FIG.19

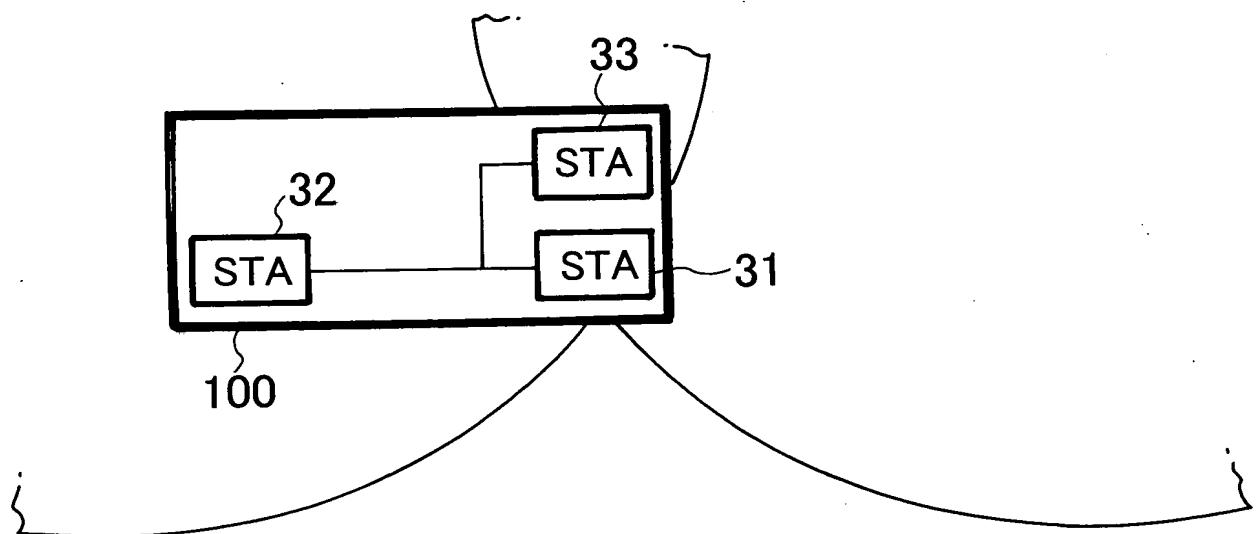


FIG.20

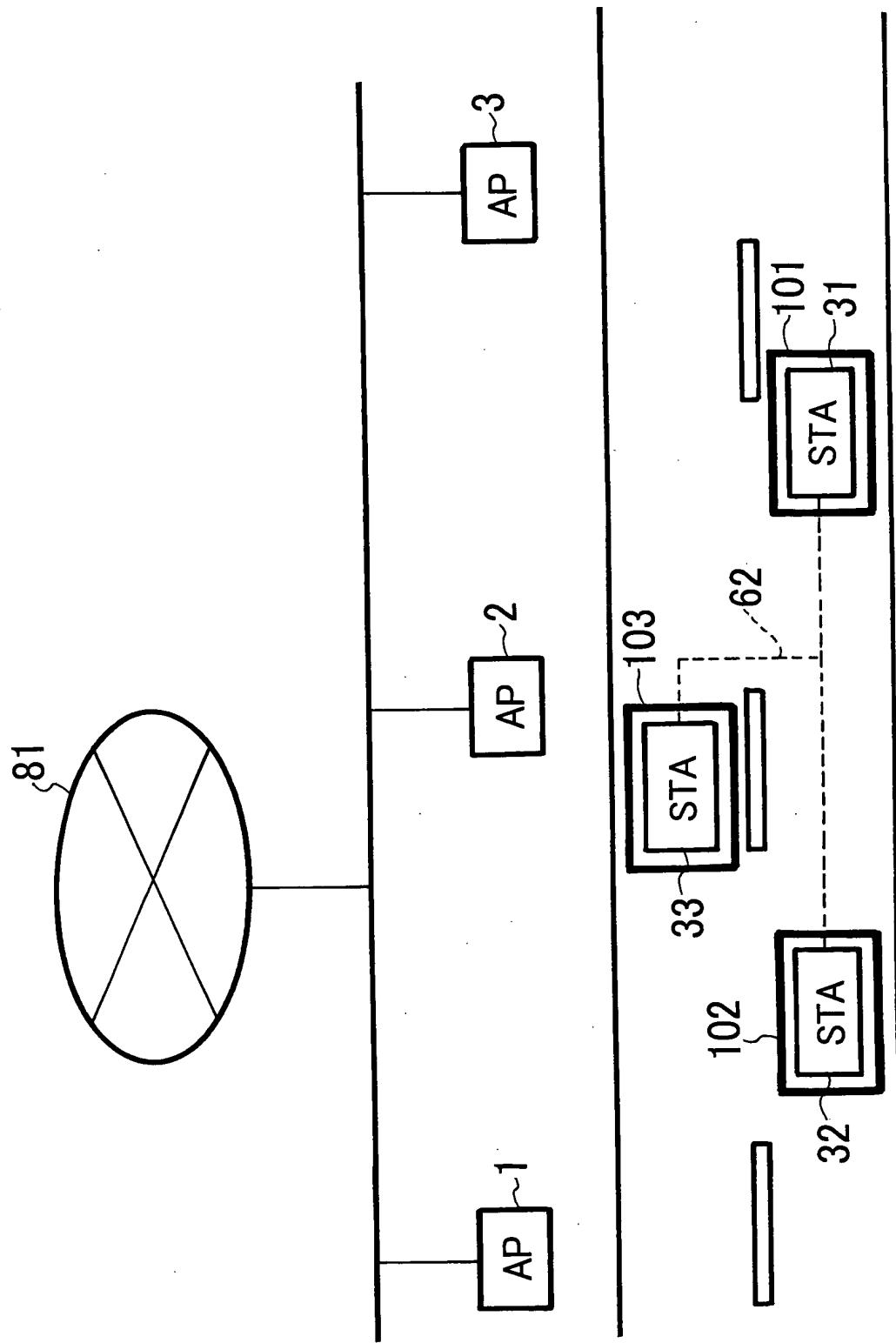


FIG.21

